



42A06SW0100 2.5592 THORNELOE

010

NTS 42A/586

Work Report on Claims

P-371642-645; P-372519-522; P-568441-445; P-594919;

P-595028-032; P-595997-001; P684591-599

For Kerr Addison Mines Limited

Thornloe Township, Ontario.

PORCUPINE MINING DIVISION											
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JUN 1 1983											
A.M.						P.M.					
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RECEIVED

JUN 4 1983

MINING LANDS SECTION

David Constable

April 1983.

Qual. 2.3493

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INTRODUCTION:

The property consists of thirty three (33) contiguous, staked claims located at the north end of Kenogamissi Lake in Thornloe Township. The property is located twelve (12) miles southwest of Timmins. The claims are recorded under three names:

<u>Recorded Holder</u>	<u>Claim Numbers</u>
Dr. D. R. Pyke	P-595028-595032 P-661519-661522 P-568441-568445 P-594919 P-595997-596001
Kerr Addison Mines Limited	P-684591-684599
Robert Rousseau	P-371642-371645 P-372519-572522

The claims were optioned to Kerr Addison Mines Limited in 1982 from Comstate. The claims recorded under R. Rousseau were ready for lease, having been covered by EM, Magnetometry, diamond drilling in addition to some trenching from 1973-1979. The balance of the claims are either newly recorded or have minor work performed and are on extension.

From January 15th to February 28th, 1983 Kerr Addison Mines Limited cut a new grid over the entire claim block and covered the grid with ground magnetometry and EM-VLF (two stations).

PREVIOUS WORK

The gold showing on the Thibeault patented claims was being explored in the 1910-1920 period. Hollinger took on option claims in 1933 and drilled 14 holes. By 1939 Joseph Thibeault had sunk two shallow shafts and installed a 5 ton mill, but little gold was produced. Also in 1939, George Derby drilled 8 holes (2027 meters) in the southeast portions of the group. In 1941 Maryland Porcupine Mines Limited drilled 5 holes on or near the Thibeault claims reporting "insignificant gold values". In 1946 Coniagus Explorations Limited wedged off the Maryland holes but results were no better than the original drilling. In 1960 Paymaster Consolidated Mines Limited acquired ground south of the Thibeault claims and conducted a ground EM survey and drilled two (2) holes, each of 100 meter length. In 1961 Hollinger Consolidated Gold Mines Limited drilled four (4) holes on the iron formation under Kenogamissi Lake (476 meters). In 1974 Jacomo Mines Limited (R. Rousseau claims) restaked the area and completed magnetic and EM surveys, drilling one (1) 105 meter hole. Finally in 1980 Dr. Pyke conducted a sixteen (16) hole overburden drill program both east and west of Wawaitin Falls Dam.

PHYSIOGRAPHY & GEOLOGY

The area is generally one of low relief, but any relief present is confined to the narrow steep valleys in the eastern portion of the property. Relief in these valleys is of the order of 100-150'. The vegetation consists mainly of mature jackpines and spruce in the eastern portion of the group while second growth and scrub brush predominates in the west. The area around Kenogamiss Lake is swampy and covered with tree stumps destroyed by the fluctuations in water level caused by the Ontario Hydro dam at the northend of the lake. Soil thickness varies greatly from a few feet to two hundred feet. The soil types vary from standard podzol soils to outwash sands, ground moraines and swamp with the glacial deposits concentrated in the eastern areas. The main drainage is northward out of Kenogamissi Lake into the Mattagami River.

The property is underlain by an east-west striking sequence of Archean ironformations (sulfide facies), mafic volcanics and fuchsitic tuff/sediments cut by north-south fault zones. The entire sequence is intruded by a younger granodioritic intrusion. The geology is shown on O.G.S. Preliminary map P-2502 (1981) by A. G. Choudhry. The area of the intrusion has been drilled by several companies and so has the southern iron formation. The only known gold showing in the area is on the five (5) Thibeault patented claims (P.7556, P.7538, P.7557, P.8218 and P.18590) where two exploration shafts were put down on a narrow quartz-filled shear zone in mafic volcanics. The quartz carried erratic high gold values over narrow widths. This property is not included in our claim group.

LINECUTTING

Linecutting was done for Kerr Addison Mines Limited by Michel Lavoie of Val d'Or. A total of 55 kilometers of line were cut, both over the land and the lake. The baseline was cut by compass true east-west and was chained every 25 meters. Picket lines were turned off at 100 meter intervals by compass. Picket lines were cut by compass and also chained every 25 meters. The baseline was established commencing from a squared post on the eastern side of the lake. All baseline pickets were painted red. Tielines were placed at a 1000 meters north and south of the baseline for line control. All points where the grid left the land onto the lake were marked and painted red for the ease of re-establishing the grid over the lake at a later date if necessary.

GROUND MAGNETOMETER SURVEY

The instrument used was a Scintrex Model MP-2 field magnetometer in conjunction with a Scintrex Model MBS-2 base station magnetometer. These instruments are accurate to ± 1 gamma and the diurnal corrections were made to within one gamma. The basestation unit was set to take a reading every 10 seconds and recorded it on a graph. Both the field and basestation units are proton precision magnetometers measuring the total magnetic field.

For ease of plotting the readings have a base reading subtracted from the field reading, in this case 58000 is the base reading. Thus a reading plotted 1245 is actually 59245 gammas. Readings were generally taken at 25 meter intervals, however some 12.5 meter spaced detailed readings were also taken. All results were plotted on graph paper on a scale of 1:2500. The results were contoured at 100 and 1000 gamma intervals. The work was done under the direct supervision of B. Mackay, geophysist, and geology students. M. Yanai and M. Lewis.

M-VLF SURVEY

The survey was done using Geonic EM-16 VLF instrument. This instrument measures the vertical distortion of an originally flat, primary, electrical field which has been distorted due to proximity to a secondary, electrical field. The secondary, electrical field may be caused by a sulfide body, graphite, clay or numerous other conductive bodies.

The Geonics EM-16 measures the in-phase field as either a dip angle or as a percentage of the primary field. In our survey we read di angles. The EM-16 also can measure the quadrature response and this parameter was also read and recorded during our survey.

The in-phase and quadrature results were plotted on a 1:2500 scale map both as profiles and numerically.

GEOPHYSICAL RESULTS

The magnetic results define two major features; both magnetic highs are located high, which cut east, west across the property. The magnetic highs are located at roughly 1+00N from 26+00W to 10+00E and 11+00S from 23+00W to 10+00W. The highs probably represent iron formations (sulfide facies). There is some indication of N.S. fault zones in the northern iron formation from 9+00W to 3+00E. Diabasic dykes also occur along line 8+00W from 10+00N to 15+00N and lines 1+00E, 2+00E & 3+00E from 5+00N to 17+00N. The magnetics in the northwestern portion of the grid shows both low gradients and low magnitude, presumably due to the intrusions and low magnetic susceptibility of the underlyings sediments and tuffs. Some indications of another more discontinuous iron formation is seen at 7+00S on 23+00W and at 3+50S on lines 4 to 7+00W.

The VLF conductors are generally weak to moderate in strength and tend to strike at 100° to 110° rather than E-W. The VLF conductors show a coincident relationship to the iron formations in places such as 11+00S on lines 22 and 23+00W. These iron formations have already been drill tested.

CONCLUSIONS AND RECOMMENDATIONS

The geophysical surveys are of marginal use in defining a drill target particularly the VLF survey. The magnetic survey does indicate iron formations, structure and low magnetic rock types. The "best" untested magnetic targets occur at:

- (a) 9+00S from lines 18+00W to 23+00W
-a magnetic low contacting an iron formation.
- (b) 2+50S on lines 5 & 6+00W on line 0 and 1+00W
-magnetic low with some indication of N-S structural control.

I recommend testing these targets with three holes, one for (a) and two for (b). In addition a fuchsite-carbonate sediment/tuff unit is also present on the property and contains the gold-bearing shear zones on the Thibeault patented claims. This fuchsite horizon is displaced southward by a N.S. fault along the Mattagami River Valley and the fuchsite unit outcrops near the spilling on the east side of Kenogamissi Lake. It is also recommended to test this fuchsitic horizon and its contacted with two holes at roughly:

- a) Line 10+00W Station 8+75N Dip -50° Azimuth 180° Depth 500'
- b) Line 8+00E Station 6+90N Dip -50° Azimuth 180° Depth 500'

Since this fuchsitic unit is not delineated by the magnetic survey additional drill footage may be necessary to cut the target unit.

Respectfully Submitted,



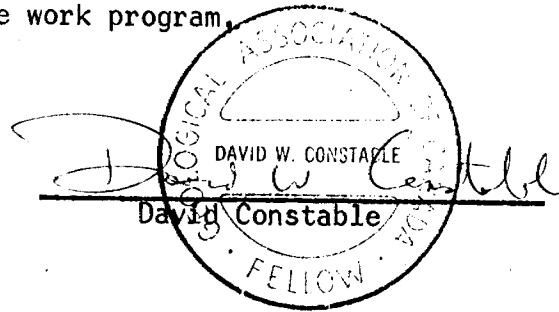
David Constable,
District Geologist.

DWC:pl

CERTIFICATION

I, David Constable certify and state that:

- (a) I am a 1970 Bachelor of Science (honours) graduate of Mount Allison University in Geology, plus a one year post graduate study in geology at Oxford University.
- (b) That I have worked continuously in geology since 1971 and am presently District Geologist for Kerr Addison Mines Limited.
- (c) That I have intimate knowledge of the work described in this report, having supervised the work program.



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Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

RE: Geophysical (Electromagnetic & Magnetometer) Survey
on Mining Claims P 371642 et al in Thornloe Township

The Geophysical (Electromagnetic & Magnetometer) Survey assessment work credits as listed with my Notice of Intent dated November 21, 1983 have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

D. Kinvig:sc

cc: D.R. Pyke
31 Delair Crescent
Thornhill, Ontario
L3T 2M3

cc: Resident Geologist
Timmins, Ontario

cc: G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario



Ministry of
Natural
Resources

Dec 6/83

Your file: #120

1983 11 21

Our file: 2.5592

Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact
Mr. F.W. Matthews at 416/965-1380.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

D. Kinvig:mc

Encls:

cc: D.R. Pyke
c/o P.O. Box 1375
71 Lorne Street South
Sudbury, Ontario
P3E 5K4

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario



Your file: #120

1983 11 21

Our file: 2.5592

Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

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For further information, if required, please contact
Mr. F.W. Matthews at 416/965-1380.

Yours very truly,

A handwritten signature in cursive script, appearing to read "E.F. Anderson".

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

D. Kinvig:mc

Encls:

cc: Kerr Addison Mines Limited
c/o P.O. Box 1375
71 Lorne Street South
Sudbury, Ontario
P3E 5K4

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario



Your file: 120

1983 11 21

Our file: 2.5592

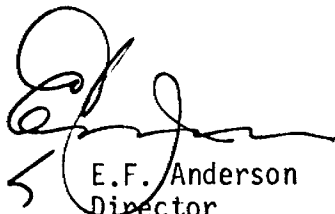
Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

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Yours very truly,



E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

D. Kinvig:mc

Encls:

cc: Jaridge Exploration Inc
c/o P.O. Box 1375
72 Lorne Street South
Sudbury, Ontario
P3F 5K4

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1983 11 21

120 / 2.5592

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Lands Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Ontario

Ministry of Natural Resources

Technical Assessment Work Credits

File 2.5592

Date 1983 11 21

Mining Recorder's Report of Work No. 120

Recorded Holder	KERR ADDISON MINES LIMITED
Township or Area	THORNLOE TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 20 _____ days Magnetometer _____ 40 _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	P 684591 to 99 inclusive

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

Credit can only be given for one VLF survey. Two sets of E.M. readings on a survey is considered to be one survey.

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77 (19)—60:



Ontario

Ministry of Natural Resources

Technical Assessment Work Credits

File 2.5592

Date 1983 11 21

Mining Recorder's Report of Work No. #120

Recorded Holder	D.R. PYKE
Township or Area	THORNLOE TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 20 days Magnetometer _____ 40 days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	P 568441 568443 to 45 inclusive 594919 595028 to 31 inclusive 595997 to 6000 inclusive

Special credits under section 77 (16) for the following mining claims

<u>15 DAYS ELECTROMAGNETIC AND 30 DAYS MAGNETOMETER</u> P 568442	<u>10 DAYS ELECTROMAGNETIC & 20 DAYS MAGNETOMETER</u> P 595032 596001
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No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

Credit can only be given for one VLF survey. Two sets of E.M. readings on a survey is considered to be one survey.

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77 (19)—60:

Recorded Holder JARIDGE EXPLORATION INC
Township or Area THORNLOE, ONTARIO

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 20 days Magnetometer _____ 40 days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	P 371642 - 43 371645 372519 to 22 inclusive

Special credits under section 77 (16) for the following mining claims

10 DAYS ELECTROMAGETIC AND 20 DAYS MAGNETOMETER
P 371644

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

Credit can only be given for one VLF survey. Two sets of E.M. readings on a survey is considered to be one survey.

June 21 83



Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

#120

Instructions: - Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

P.371647
2.5592

The Mining Act

Type of Survey(s) Linecutting, Magnetometry & VLF (two stations) Township or Area Thornloe

Claim Holder(s) D.R. Pyke, Jaridge Exploration Inc., Kerr Addison Mines Limited Prospector's Licence No. A35072

Address c/o P.O. Box 1375, 71 Lorne St. South, Sudbury, Ontario P3E 5K4

Survey Company Kerr Addison Mines Limited Date of Survey (from & to) 10 Day | 01 Mo | 03 Yr | 30 Day | 03 Mo | 03 Yr Total Miles of line Cut 44.27

Name and Address of Author (of Geo-Technical report) David Constable, P.O. Box 1375, Sudbury, Ontario P3E 5K4

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic (two surveys)	40
	- Magnetometer	40
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
Man Days Complete reverse side and enter total(s) here	Geological	
	Geochemical	
	Geophysical	Days per Claim
	- Electromagnetic	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Prefix	Mining Claim Number	Expend. Days Cr.
P	371642	80
	371643	80
	371644	80
	371645	80
	372519	80
	372520	80
	372521	80
	372522	80
	568441	80
	568442	80
	568443	80
	568444	80
	568445	80
	594919	80
	595028	80
	595029	80
	595030	80
	595031	80
	595032	80
	595997	80
	595998	80
	595999	80
	596000	80

Handwritten notes: "Trough" and "only 20 days" are written vertically next to the table.

Prefix	Mining Claim Number	Expend. Days Cr.
P	596001	80
	684591	80
	684592	80
	684593	80
	684594	80
	684595	80
	684596	80
	684597	80
	684598	80
	684599	80

Handwritten notes: "Kerr" and "Addison" are written vertically next to the table.

RECEIVED

APR 27 1983

MINING LANDS SECTION

Handwritten note: "See revised work statements"

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work.

Date April 15/83 Recorded Holder or Agent (Signature) David Constable

For Office Use Only

Total Days Cr. Recorded 2640 Date Recorded Apr. 21/83 Mining Recorder [Signature]

Date Approved as Recorded [Signature] Branch Director [Signature] Regional Mining Recorder

Certification Verifying Report of Work
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying David Constable, P.O. Box 1375, Sudbury, Ontario P3E 5K4

Date Certified [Signature] Certified by (Signature) [Signature]



Ministry of
Natural
Resources

Ontario

Notice of Intent
for Technical Reports

1983 11 21

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An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

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If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Lands Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Recorded Holder
JARIDGE EXPLORATION INC

Township or Area
THORNLOE, ONTARIO

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 20 days Magnetometer _____ 40 days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	P 371642 - 43 371645 372519 to 22 inclusive

Special credits under section 77 (16) for the following mining claims

10 DAYS ELECTROMAGETIC AND 20 DAYS MAGNETOMETER

P 371644

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

Credit can only be given for one VLF survey. Two sets of E.M. readings on a survey is considered to be one survey.

June 21 83



Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

#120

- Instructions: - Please type or print.
 - If number of mining claims traversed exceeds space on this form, attach a list.
 Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
 - Do not use shaded areas below.

P-371647
2.5592

The Mining Act

Type of Survey(s): Linecutting, Magnetometry & VLF (two stations) Township or Area: Thornloe

Claim Holder(s): Dr. R. Pyke, Jaridge Exploration Inc., Kerr Addison Mines Limited Prospector's Licence No.: A35072

Address: c/o P.O. Box 1375, 71 Lorne St. South, Sudbury, Ontario P3E 5K4

Survey Company: Kerr Addison Mines Limited Date of Survey (from & to): 10 Day | Mo. | 83 | 30 Day | Mo. | 83 Total Miles of Line Cut: 44.27

Name and Address of Author (of Geo-Technical report): David Constable, P.O. Box 1375, Sudbury, Ontario P3E 5K4

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic (two surveys)	40
	- Magnetometer	40
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
Airborne Credits	Geological	
	Geochemical	
	Electromagnetic	
	Magnetometer	
Note: Special provisions credits do not apply to Airborne Surveys.	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
P	371642	80	P	596001	80
	371643	80		684591	80
	371644	80		684592	80
	371645	80		684593	80
	372519	80		684594	80
	372520	80		684595	80
	372521	80		684596	80
	372522	80		684597	80
	568441	80		684598	80
	568442	80		684599	80
	568443	80			
	568444	80			
	568445	80			
	594919	80			
	595028	80			
	595029	80			
	595030	80			
	595031	80			
	595032	80			
	595997	80			
	595998	80			
	595999	80			
	596000	80			

RECEIVED

APR 27 1983

MINING LANDS SECTION

Sol
Jaridge
work
station

Expenditures (excludes power stripping)

Type of Work Performed: _____

Performed on Claim(s): _____

Calculation of Expenditure Days Credits

Total Expenditures \$ _____ ÷ 15 = Total Days Credits _____

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. 33

For Office Use Only

Total Days Cr. Recorded: 2610 Date Recorded: APR 21/83 Mining Recorder: [Signature]

Date Approved/As Recorded: _____ Branch Director: _____ Regional Mining Recorder: _____

Date: April 15/83 Recorded Holder or Agent (Signature): [Signature]

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: David Constable, P.O. Box 1375, Sudbury, Ontario P3E 5K4

Date Certified: _____ Certified by (Signature): _____



Ontario

Ministry of
Natural
Resources

Application for Extension of time

Name of applicant

Address

Telephone

Claim numbers

Total Claims

Reasons why work not done

Length of time desired

Approximate date when work will commence

Type and extent of work contemplated (indicate total number of days work to be performed)

Have metal tags been affixed to claim corner posts?

Date of Application

Signature of Applicant

KERR ADDISON MINES LIMITED

25592

71 LORNE STREET SOUTH, SUDBURY, ONTARIO
TELEPHONE (705) 673-1335
MAILING ADDRESS: P.O. BOX 1375 SUDBURY, ONT.
P3E 5K4

November 1, 1983.

RECEIVED

NOV 2 1983

MINING LANDS SECTION

Mr. E. F. Anderson,
Director, Land Management Branch,
Whitney Block, Room 6450,
Toronto, Ontario.
M7A 1W3

Dear Mr. Anderson:

Re: Your file 2.5592: Geophysical Survey on
mining claims P 371642 et al in Thornloe Township

Enclosed are the plans in duplicate for the subject survey. These have been signed by Mr. Dave Constable, author of the report, on October 31, 1983.

Hoping that this meets your requirements. I remain:

Yours Sincerely,

R. K. Germundson

Dr. R.K. Germundson, PhD
District Geologist.

RKG:pl

cc-L. F. Haran

September 23, 1983

2.5592

Dr. D.R. Pyke
#31 Delair Crescent
Thornhill, Ontario
L3T 2M3

Dear Sir:

RE: Geophysical (Electromagnetic and Magnetometer) Survey
on mining claims P 371642 et al in Thornloe Township

Returned herein are the electromagnetic and magnetometer plans
(in duplicate) for the above-mentioned survey.

Please have the author of the report sign each copy of the maps
and return them to this office quoting file 2.5592.

For further information, please contact Mr. F.W. Matthews at
(416)965-1380.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-1380

S. Hurst:mc

Encl.

cc: Minigga Recorder
Timmins, Ontario

June 30 / 83.

File 2.5592

Mining Lands Comments

Comments box containing handwritten text: - Maps not signed.

To: Geophysics Mr. Barlow.

Comments box containing handwritten text: maps need signature

Approved

Wish to see again with corrections

Date Aug 1 / 83

Signature [Handwritten Signature]

To: Geology - Expenditures

Comments box (empty)

Approved

Wish to see again with corrections

Date

Signature

To: Geochemistry

Comments box containing handwritten initials: L.D.

Approved

Wish to see again with corrections

Date

Signature

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

#120 P371647

2.5592

1983 06 08

Mr. William L. Good
Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

We have received reports and maps for a Geophysical (Electro-magnetic and Magnetometer) survey submitted under Special Provisions (credit for Performance and Coverage) on mining claims P371642 et al in the Township of Thornloe.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6430
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

cc: Dr. Dale R. Pyke
31 Delair Cres.
Thornhill, Ontario
L3T 2K3

KarrAddison Mines
P.O. Box 91
Commerce Court West
Toronto M5L

David Constable
P.O. Box 1375
Sudbury, Ontario
P3E 5K4

A.Barr:eib

DIAMOND DRILL RECORD

LOGGED BY Ken Germundson

Kerr Addison Mines Limited

PROPERTY Comstate Thorneloe

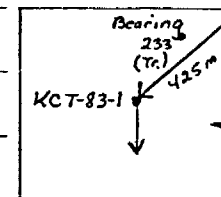
D.D.H. No. CT-83-1

PAGE 1/5

ALTITUDE 10+00 m W BEARING OF HOLE South STARTED March 12/83

DEPARTURE 8+75 m N DIP OF HOLE -50° COMPLETED March 14/83

ELEVATION _____ DIP TESTS nil DEPTH 496.0



CLAIM No. 568441

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO		Au						
0	13.0	Overburden											
13.0	450.0	<u>Clastic Sediments</u>											
		<i>Interbedded, fine to coarse grained with siltstone interbeds; light to dark gray. Graded bedding shows beds are not overturned.</i>											
		<i>Dark gray with light gray lenses, pyritized. Bedding at 60° to long axis.</i>	1801	40.3	41.3	1.0	Nil						
		<i>Graywacke, coarse-grained, pyritic.</i>	1802	50.0	52.7	2.7	Nil						
		<i>Fine to coarse grained with tuffaceous laminae; minor pyrite, bedding at 60°-65° to long axis.</i>	1803	67.0	71.0	4.0	Nil						
		<i>Graywacke, medium gray, rare pyrite; pyroclastic laminae with fragments to 1/16 inch; bedding at 65°-70°.</i>	1804	86.3	91.4	5.1	Nil						

DIAMOND DRILL RECORD

LOGGED BY Ken Germundson

Kerr Addison Mines Limited

PROPERTY Comstate Thorneloe

D.D.H. No. CT-83-1

PAGE 2/5

ELEVATION 10+00 m W

BEARING OF HOLE South

STARTED March 12/83

DEPARTURE 8+75 m N

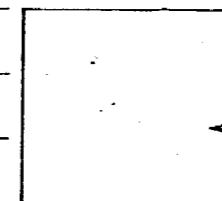
DIP OF HOLE -50°

COMPLETED March 14/83

ELEVATION

DIP TESTS nil

DEPTH 496.0



CLAIM No. 568441

DIRECTION AND DISTANCE FROM
NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO			FROM	TO		Au				
		Graywacke, fine to coarse grained; bedding at 70°	1805	100.0	105.0	5.0	Nil				
		Graywacke, fine to coarse grained, bedding at 68° to 77°. Rusty,	1806	115.0	117.2	2.2	Nil				
		broken with quartz stringers; bedding at 80°-85°. Quartz veins,	1807	130.5	133.3	1.8	Nil				
		bedding at 74°.	1808	151.8	152.3	0.5	Nil				
		Graywacke; bedding at 45°	1809	174.0	175.0	1.0	Nil				
		Graywacke; with quartz veins, bedding at 45°	1810	175.0	177.9	2.9	Nil				
			1811	177.9	183.0	5.1	Nil				
Lost circulation		Broken with 0.15 foot thick quartz vein. Interbedded, fine to coarse	1812	187.6	188.5	0.9	Nil				
at 192 feet		grained; pyrite filled fracture at 45°; pyritic; bedding at 65°	1813	201.8	205.0	3.2	Nil				
		Fine to coarse grained; bedding at 73° to 77°	1814	227.0	230.0	3.0	Nil				
		Fine to coarse grained, bedding at 72° to 74°	1815	250.0	252.9	2.9	Nil				
		Fine grained; 2 inch quartz vein, bedding at 67°-70°	1816	277.7	279.3	1.6	Nil				
		Quartz vein and pyrite along fractures at 45°	1817	296.4	297.4	1.0	Nil				
		Fine to coarse grained	1818	297.4	300.0	2.6	Nil				
		Fine grained to silty, bedding at 73°	1819	310.0	315.0	5.0	Nil				

DIAMOND DRILL RECORD

LOGGED BY Ken Germundson

Kerr Addison Mines Limited

PROPERTY Comstate Thorneloe

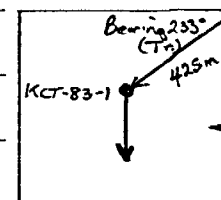
D.D.H. No. CT-83-1

PAGE 3/5

ELEVATION 10+00 m W BEARING OF HOLE South STARTED March 12/83

DEPARTURE 8+75 m N DIP OF HOLE -50° COMPLETED March 14/83

ELEVATION DIP TESTS nil DEPTH 496.0



CLAIM No. 568441

DIRECTION AND DISTANCE FROM
NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO			FROM	TO		Au				
		<i>Siltstone with fine to coarse grained interbeds; bedding at 73°</i>	1820	330.0	333.1	3.1	Nil				
		<i>Fine grained to silty, rare pyrite, bedding at 77°; laminae of fragmental volcanics.</i>	1821	341.0	343.9	2.9	Nil				
		<i>Quartz stringers in fine grained sediments.</i>	1822	343.9	345.0	1.1	Nil				
		<i>Quartz stringers in fine grained sediments; bedding at 77°</i>	1823	353.8	355.0	1.2	Nil				
		<i>Medium grained; brown laminae are present. Bedding at 78°</i>	1824	360.0	363.2	3.2	Nil				
		<i>Quartz vein (3 inches)</i>	1825	363.2	363.6	0.4	Nil				
		<i>Sediments</i>	1826	363.6	364.5	0.9	Nil				
		<i>Quartz stringers, bedding at 75° to 78°</i>	1827	364.5	366.2	1.7	Nil				
		<i>Fine grained to silty with brown and tuffaceous laminae</i>	1828	366.2	368.4	2.2	Nil				
		<i>Fine to coarse grained, locally tuffaceous and pyritic; bedding at 75°</i>	1829	390.0	395.0	5.0	Nil				
		<i>Tuffaceous sediments, local fragments; bedding at 75° to 78°</i>	1830	410.0	414.4	4.4	Nil				
		<i>Quartz vein, tuffaceous, minor fuchsite.</i>	1831	414.4	415.2	0.8	Nil				
		<i>Slightly tuffaceous, bedding at 75° to 78°</i>	1832	420.0	425.0	5.0	Nil				
		<i>Lowermost sediments, bedding at 76° to 80°</i>	1833	446.0	450.0	4.0	Nil				

DIAMOND DRILL RECORD

LOGGED BY Ken Germundson

Kerr Addison Mines Limited

PROPERTY Comstate Thorneloe

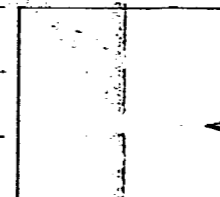
D.D.H. No. CT-83-1

PAGE 4/5

ATTITUDE 70+00 m W BEARING OF HOLE South STARTED March 12/83

DEPARTURE 8+75 m N DIP OF HOLE -50° COMPLETED March 14/83

ELEVATION _____ DIP TESTS nil DEPTH 496.0



CLAIM No. 568441

DIRECTION AND DISTANCE FROM
NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO		Au						
450.0	496.0	<u>Volcanics Fragmentals & Sediments</u>											
		<u>Interlayered ash and fragmental beds. Medium gray. Quartz, pyrite</u>	<u>1834</u>	<u>450.0</u>	<u>452.8</u>	<u>2.8</u>	<u>Nil</u>						
		<u>fuchsite.</u>	<u>1835</u>	<u>452.8</u>	<u>453.6</u>	<u>0.8</u>	<u>Nil</u>						
		<u>Fragmental, minor fuchsite.</u>	<u>1836</u>	<u>453.6</u>	<u>457.0</u>	<u>3.4</u>	<u>Nil</u>						
		<u>Fragmental, minor fuchsite, bedding at 76° to 80°</u>	<u>1837</u>	<u>557.0</u>	<u>460.0</u>	<u>3.0</u>	<u>Nil</u>						
		<u>Fragmental, minor fuchsite and pyrite</u>	<u>1838</u>	<u>460.0</u>	<u>465.0</u>	<u>5.0</u>	<u>Nil</u>						
		<u>Fragmental, minor fuchsite, pyrite and quartz</u>	<u>1839</u>	<u>465.0</u>	<u>468.0</u>	<u>3.0</u>	<u>Nil</u>						
		<u>Quartz stringers, pyrite and fuchsite</u>	<u>1840</u>	<u>468.0</u>	<u>468.9</u>	<u>0.9</u>	<u>Nil</u>						
		<u>Quartz stringers, pyrite and fuchsite</u>	<u>1841</u>	<u>468.9</u>	<u>470.0</u>	<u>1.1</u>	<u>Nil</u>						
		<u>Quartz stringers with minor pyrite and fuchsite</u>	<u>1842</u>	<u>470.0</u>	<u>471.0</u>	<u>1.0</u>	<u>Nil</u>						
		<u>Fragmental, very minor pyrite and fuchsite.</u>	<u>1843</u>	<u>471.0</u>	<u>475.0</u>	<u>4.0</u>	<u>Nil</u>						
		<u>Fragmental very minor pyrite and fuchsite</u>	<u>1844</u>	<u>475.0</u>	<u>480.0</u>	<u>5.0</u>	<u>Nil</u>						
		<u>Fragmental</u>	<u>1845</u>	<u>480.0</u>	<u>482.0</u>	<u>2.0</u>	<u>Nil</u>						
		<u>Quartz vein parallel to long axis of core, minor fuchsite</u>	<u>1846</u>	<u>482.0</u>	<u>483.8</u>	<u>1.8</u>	<u>Nil</u>						
		<u>Fragmental (ash), minor pyrite</u>	<u>1847</u>	<u>483.8</u>	<u>490.0</u>	<u>3.7</u>	<u>Nil</u>						
		<u>Fragmentals and ash</u>	<u>1848</u>	<u>490.0</u>	<u>495.0</u>	<u>5.0</u>	<u>Nil</u>						

DIAMOND DRILL RECORD

LOGGED BY Ken Germundson

Kerr Addison Mines Limited

PROPERTY Comstate Thorneloe

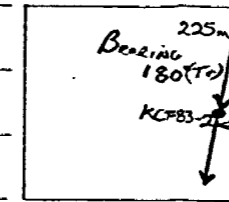
D.D.H. No. CT-83-2

PAGE 1/4

ALTITUDE 8+00 m E BEARING OF HOLE South STARTED March 16/83

DEPARTURE 6+90 m N DIP OF HOLE -50° COMPLETED March 18/83

ELEVATION _____ DIP TESTS 506 feet -48° corrected DEPTH 506 feet



CLAIM No. 568444

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO		Au						
0	180	<u>Overburden</u>											
180	232	<u>Sediments</u> <i>Interbedded, fine to coarse-grained with siltstone interbeds, light to dark gray; minor pyrite and quartz stringers. Contorted.</i>											
		<i>Medium and dark gray interbanded, pyrite along bedding as 1/8" x 1/2" blebs</i>	1851	186.6	190.0	3.4	Nil						
		<i>with pyrite blebs 1/8" x 3/8" contorted</i>	1852	196.9	200.0	3.1	Nil						
		<i>Pyritic, contorted, bedding at 25° to long axis</i>	1853	200.0	203.2	3.2	Nil						
		<i>Pyritic, dark gray, pyritic</i>	1854	210.0	213.2	3.2	Nil						
		<i>Pyritic sediments, gradual increase in ash content</i>	1855	225.0	227.0	2.0	Nil						
232.0	371.2	<u>Volcanics</u> <i>Primarily ash and pyroclastics with fragments to 3/8" common.</i> <i>Bedding at 50° to long axis.</i>											
		<i>Medium gray, minor pyrite; mainly ash</i>	1856	237.0	240.0	3.0	Nil						

DIAMOND DRILL RECORD

LOGGED BY Ken Germundson

Kerr Addison Mines Limited.

PROPERTY Comstate Thorneloe

D.D.H. No. CT-83-2

PAGE 2/4

TITUDE 8+00 m E

BEARING OF HOLE South

STARTED March 16/83

PARTURE 6+90 m N

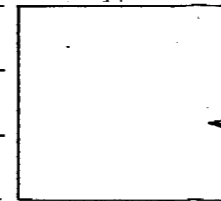
DIP OF HOLE -50°

COMPLETED March 18/83

ELEVATION

DIP TESTS 506 feet -48° corrected

DEPTH 506 feet



CLAIM No. 568444

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO			FROM	TO		Au				
		Sections with fragments, pyritic	1857	240.0	245.0	5.0	Nil				
		Pyritic minor development of fuchsite 253.0, rusty, soft, infilled fracture about 1.5 inches thick. Pyritic, minor fuchsite	1858	245.0	248.0	3.0	Nil				
			1859	258.0	260.0	2.0	Nil				
		Medium gray, barren	1860	265.0	268.0	3.0	Nil				
		Medium gray, barren	1861	277.0	280.0	3.0	Nil				
		Medium gray, barren	1862	288.0	290.0	2.0	Nil				
		with quartz stringers and minor fuchsite	1863	295.6	296.7	1.1	Nil				
		with 2" quartz veins and minor fuchsite	1864	298.0	300.0	2.0	Nil				
		Medium gray	1865	300.0	303.0	3.0	Nil				
		with quartz veins to 2 inches thick	1866	303.0	304.5	1.5	Nil				
		Quartz veins	1867	306.0	307.0	1.0	Nil				
		with quartz stringers	1868	308.0	308.5	0.5	Nil				
		314.0-lost circulation									
		Medium gray, barren	1869	316.0	317.5	1.5	Nil				
		Medium gray, very minor pyrite	1870	330.0	334.0	4.0	Nil				
		Medium gray, barren	1871	345.0	349.0	4.0	Nil				

DIAMOND DRILL RECORD

LOGGED BY Ken Germundson

Kerr Addison Mines Limited

PROPERTY Comstate Thorneloe

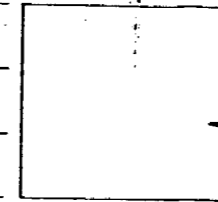
D.D.H. No. CT-83-2

PAGE 3/4

ATTITUDE 8+00 m E BEARING OF HOLE South STARTED March 16/83

DEPARTURE 6+90 m N DIP OF HOLE -50° COMPLETED March 18/83

ELEVATION _____ DIP TESTS 506 feet -48° corrected DEPTH 506 feet



CLAIM No. 568444

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO		Au						
		<i>Volcanics graging down to sediments. Bedding at 57° to long axis of core.</i>											
			1872	367.5	371.2	3.7	Nil						
371.2	418.0	<u>Sediments</u>											
		<i>Dark and medium gray interbedded, contorted</i>	1873	380.0	384.0	4.0	Nil						
		<i>Dark and medium gray</i>	1874	400.0	404.0	4.0	Nil						
		<i>Sediment/volcanic contact, gradational</i>	1875	417.0	420.0	3.0	Nil						
418.0	506.0	<u>Volcanics</u>											
		<i>Fragmental to ash</i>											
		<i>Medium gray, barren</i>	1876	420.0	422.0	2.0	Nil						
		<i>with quartz veins and fuchsite</i>	1877	435.0	438.6	3.5	Nil						
		<i>with quartz veins and fuchsite</i>	1878	441.5	444.4	2.9	Nil						
		<i>Medium gray volcanics</i>	1879	458.0	460.9	2.9	Nil						
		<i>Medium gray volcanics</i>	1880	466.0	470.0	4.0	Nil						
		<i>Medium gray volcanics</i>	1881	490.0	495.0	5.0	Nil						

25592

	Mag.	E.M.		Mag.	E.M.		Mag.	E.M.
P.-371642	✓	✓	568444	✓	✓	596000	✓	✓
43	✓	✓	568445	✓	✓	596001	✓	✓
44	1/2	1/2	594919	✓	✓	684591	✓	✓
371645	✓	✓	595028	✓	✓	92	✓	✓
372519	✓	✓	29	✓	✓	93	✓	✓
20	✓	✓	30	✓	✓	94	✓	✓
21	✓	✓	31	✓	✓	95	✓	✓
372522	✓	✓	595032	1/2	1/2	96	✓	✓
568441	✓	✓	595997	✓	✓	97	✓	✓
42	1/4	1/4	98	✓	✓	98	✓	✓
568443	✓	✓	595999	✓	✓	684599	✓	✓

5th ridge

ridge

KATZ
ADVIS

S.K.

Bristol Twp. M.264

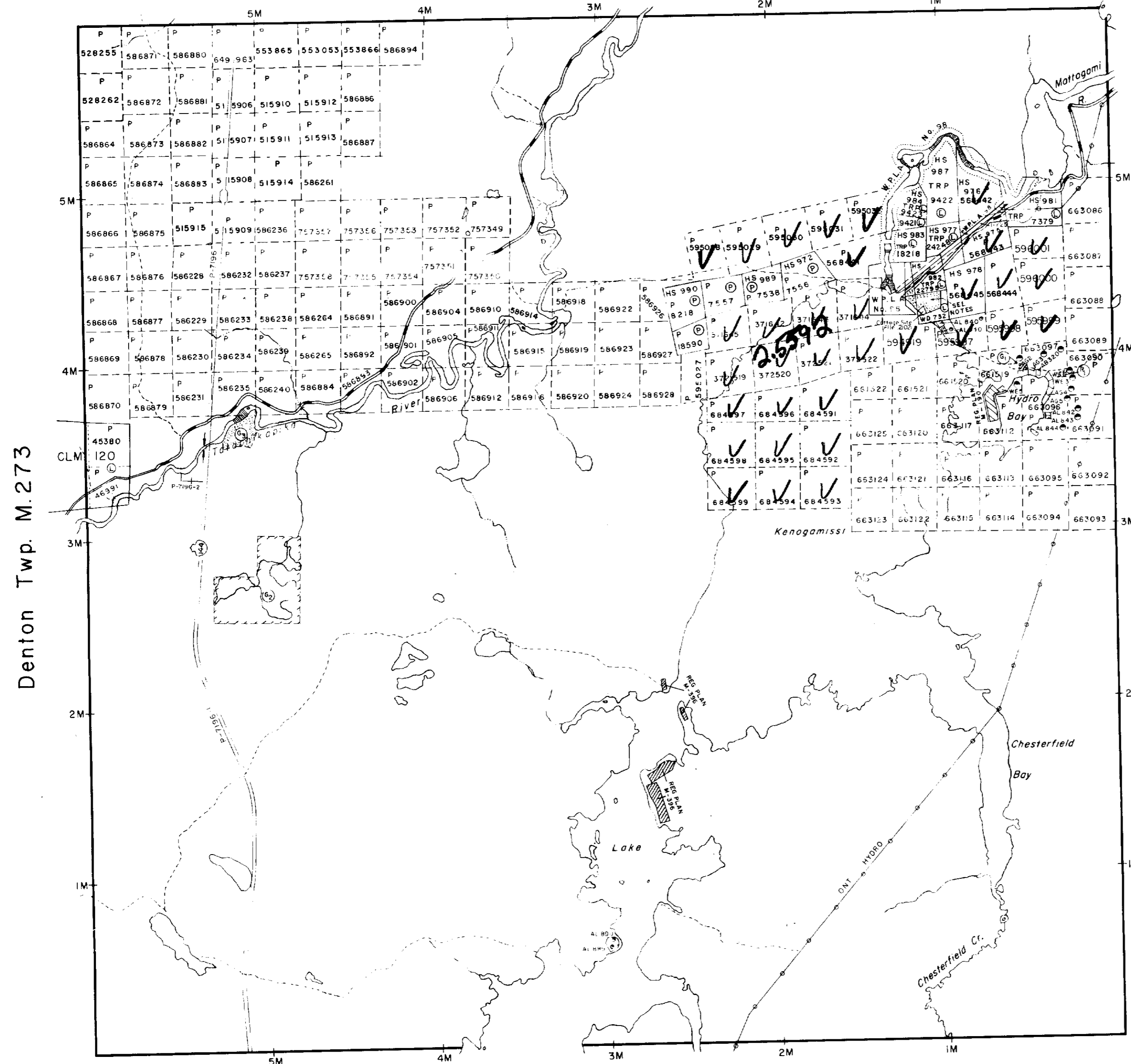
THE TOWNSHIP OF
OF

THORNELOE

DISTRICT OF
COCHRANE

PORCUPINE
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS



Denton Twp. M.273

Price Twp. M.307

Mc Keown Twp. M.299

LEGEND

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓛ
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKEG	—
MINES	Ⓢ
CANCELLED	Ⓢ
PATENTED S.R.O.	Ⓢ

NOTES

400' Surface Rights reservation along the shores of all lakes and rivers.

Reservation for Deputy Chief Ranger's Headquarters site shown thus File 110657

Flooding rights on Mattogami River & Kenogamissi Lake are reserved to Ont. Hydro - L.O. 7598 File 1163 vol.3

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970)

Order No	File	Date	Disposition
①	164584	17/5/72	S.R.O.

SAND and GRAVEL

- ① M.N.R. GRAVEL PIT 258, FILE 111467
- ② GRAVEL FILE 143834
- ③ M.N.R. GRAVEL RESERVE

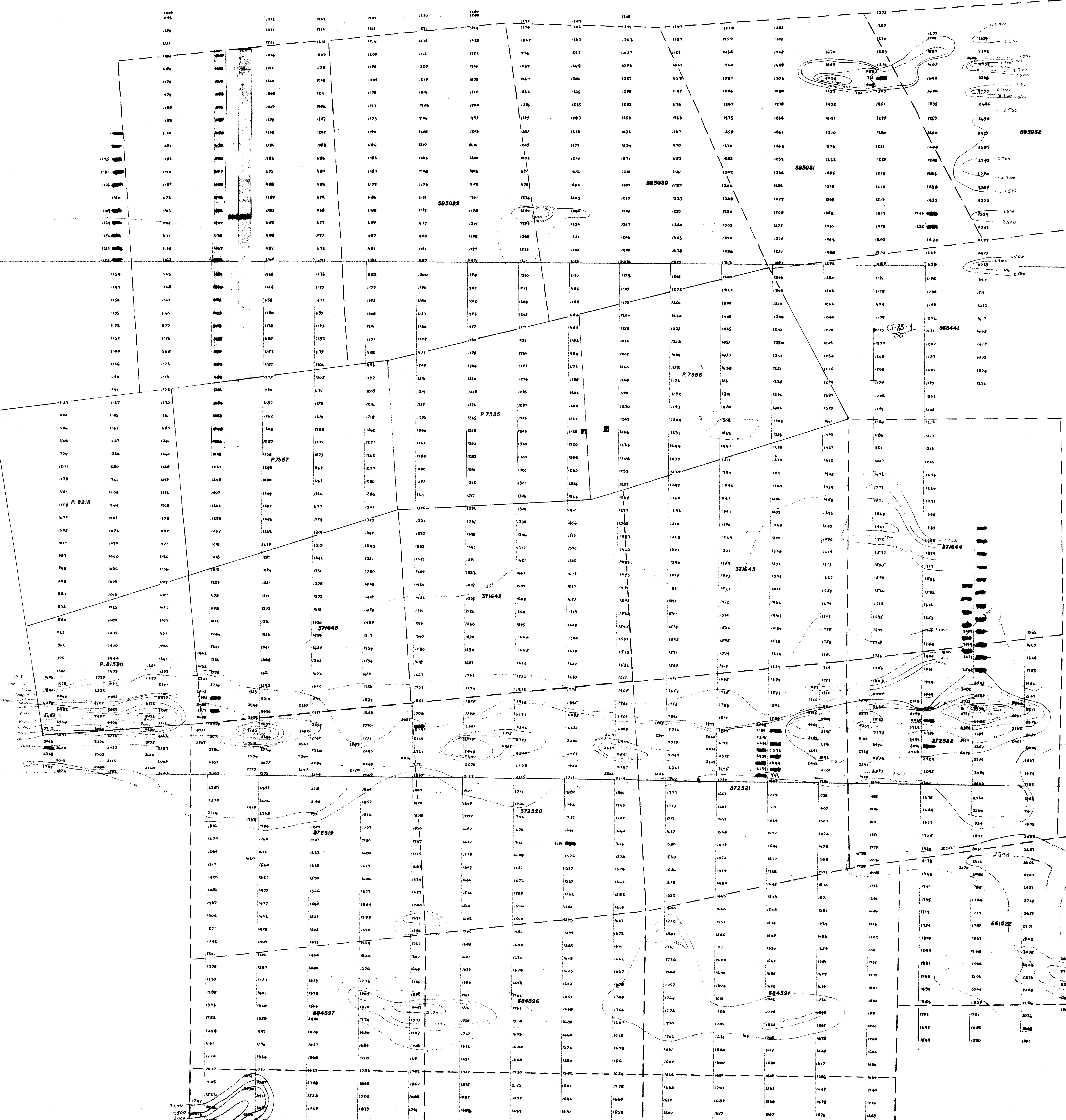
This township lies within the Municipality of the CITY of TIMMINS.

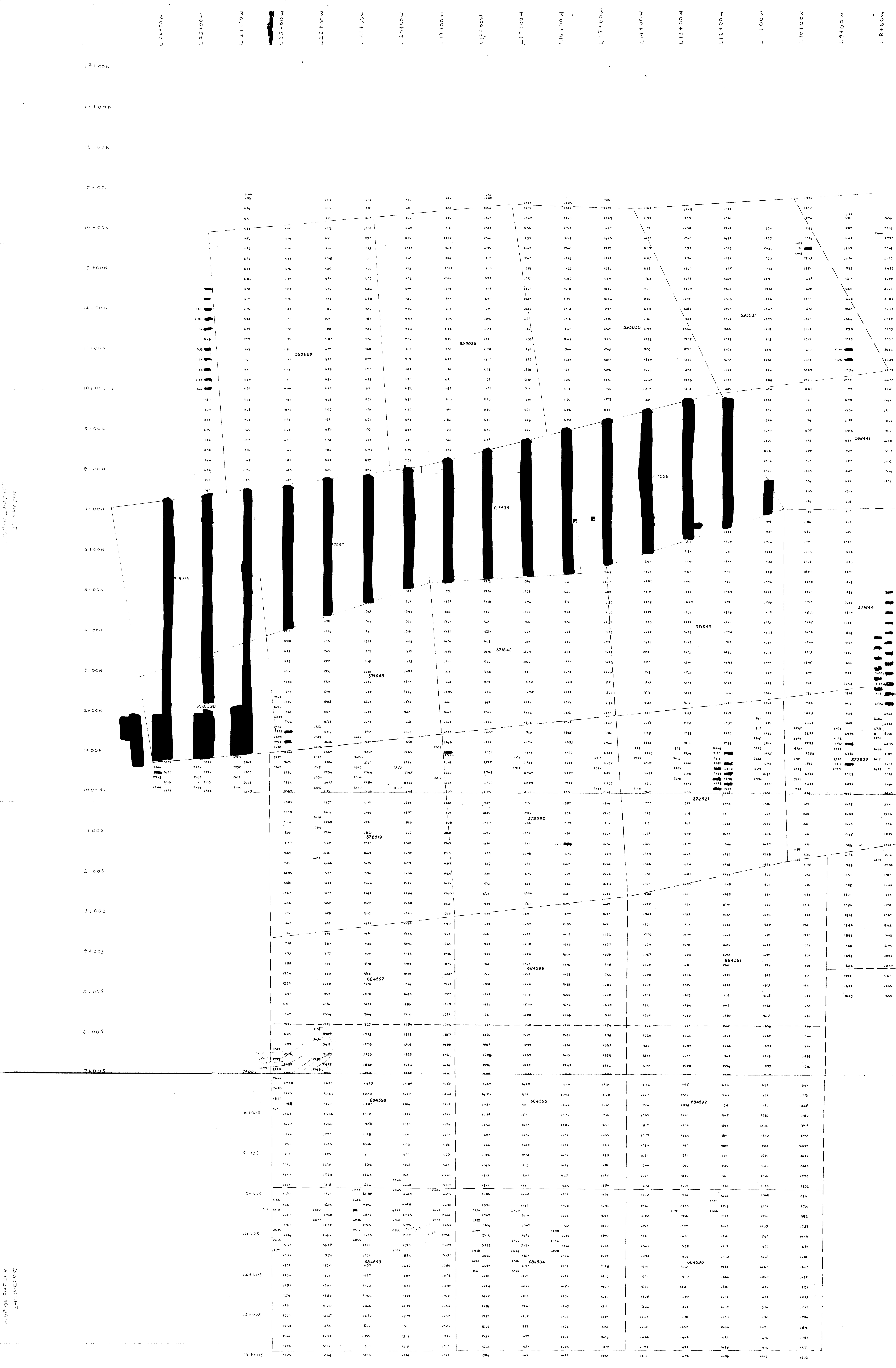
PLAN NO. **M.313**

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



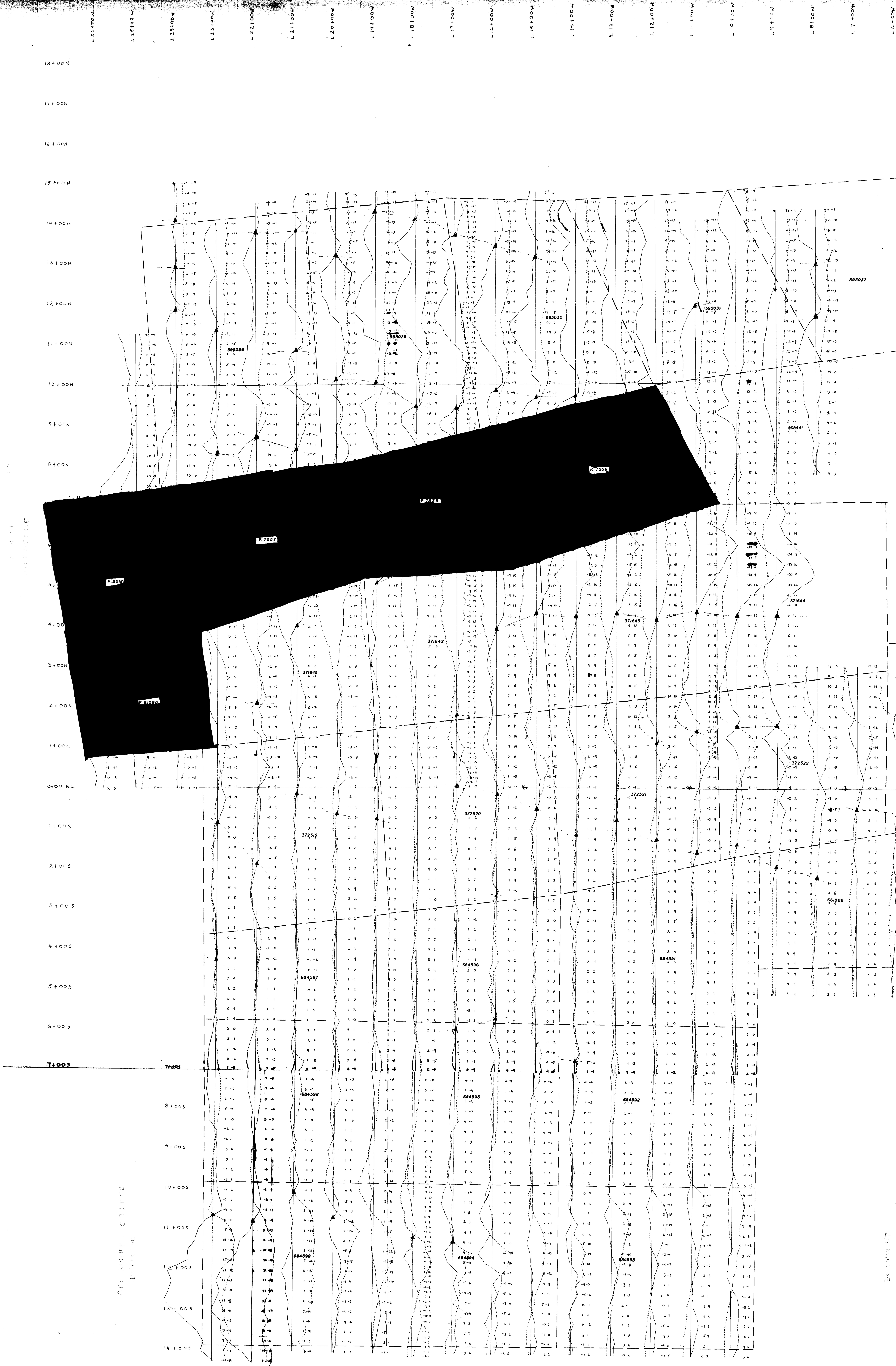
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16+00N
15+00N
14+00N
13+00N
12+00N
11+00N
10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
0+00 S.L.
1+00S
2+00S
3+00S
4+00S
5+00S
6+00S





100' = 1" (approx.)

WATERWAY

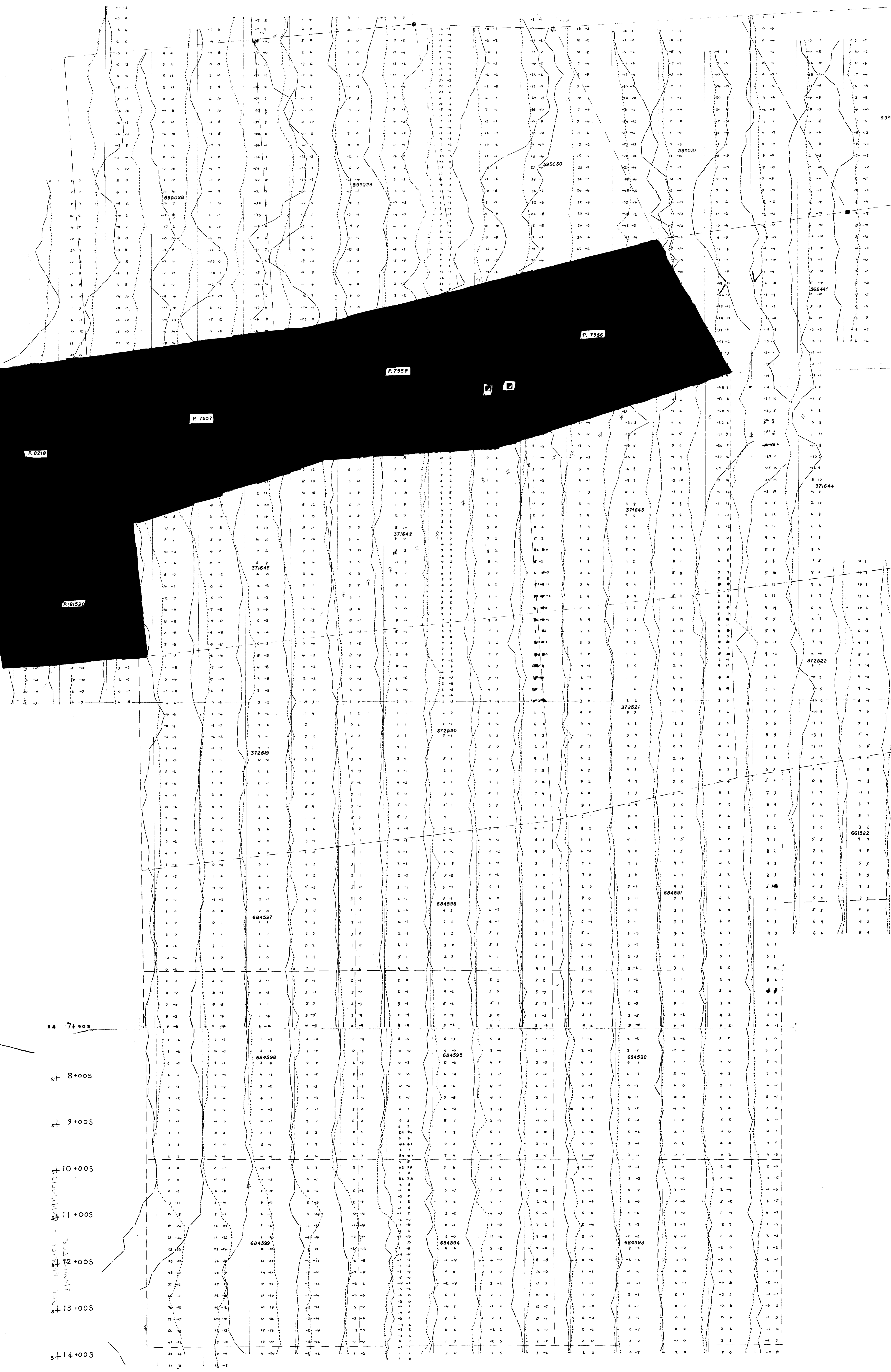


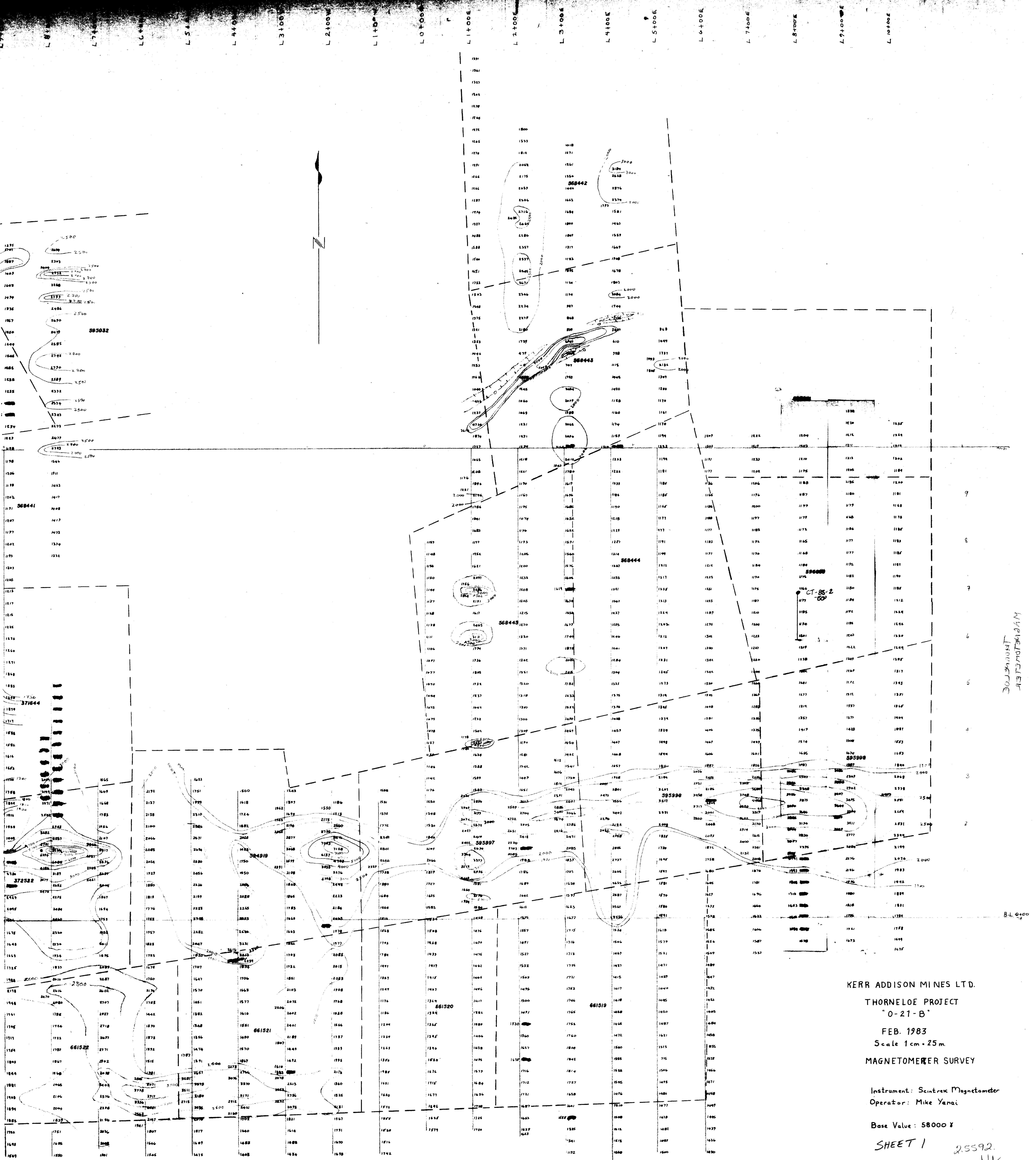
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17+00N
16+00N
15+00N
14+00N
13+00N
12+00N
11+00N
10+00N
9+00N
8+00N

8+00S
7+00S
6+00S
5+00S
4+00S
3+00S
2+00S
1+00S
0+00 B.L.

L 25+00W L 25+00W L 24+00W L 23+00W L 22+00W L 21+00W L 20+00W L 19+00W L 18+00W L 17+00W L 16+00W L 15+00W L 14+00W L 13+00W L 12+00W L 11+00W L 10+00W L 9+00W L 8+00W L 7+00W

st 18+00N
st 17+00N
st 16+00N
st 15+00N
st 14+00N
st 13+00N
st 12+00N
st 11+00N
st 10+00N
st 9+00N
st 8+00N
st 7+00N
st 6+00N
st 5+00N
st 4+00N
st 3+00N
st 2+00N
st 1+00N
st 0+00 BL
st 1+00S
st 2+00S
st 3+00S
st 4+00S
st 5+00S
st 6+00S
st 7+00S
st 8+00S
st 9+00S
st 10+00S
st 11+00S
st 12+00S
st 13+00S
st 14+00S





MAGNETOMETER SURVEY

KERR ADDISON MINES LTD.
 THORNELOE PROJECT
 "O-21-B"
 FEB. 1983
 Scale 1 cm = 25 m
 MAGNETOMETER SURVEY

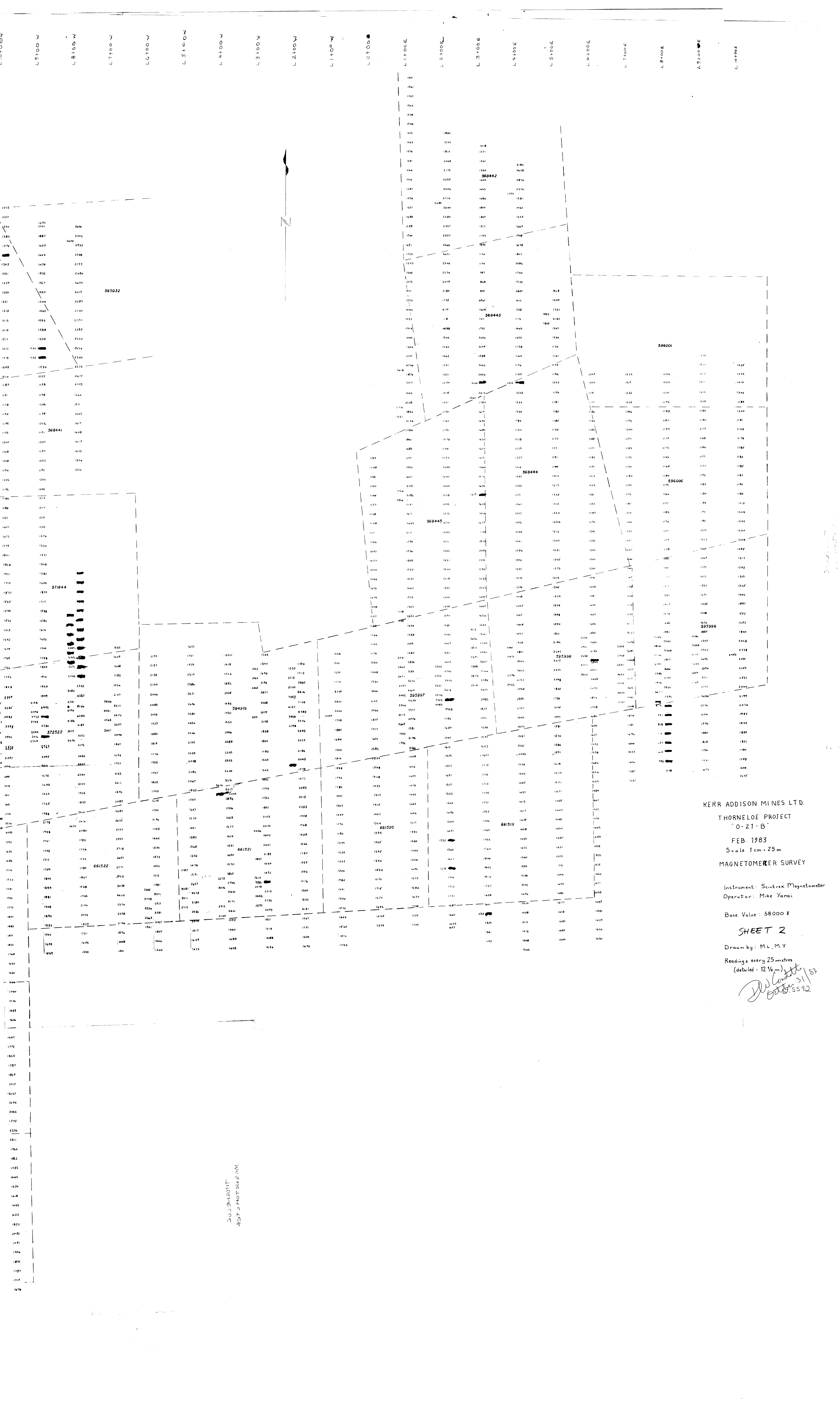
Instrument: Scintrex Magnetometer
 Operator: Mike Yanai

Base Value: 58000 γ

SHEET 1

Drawn by: M.L.M.Y.
 Readings every 25 metres
 (distorted - 12 1/2 m)

Handwritten notes:
 25592
 31/83
 31/83



KERR ADDISON MINES LTD.
 THORNELOE PROJECT
 "O-21-B"
 FEB. 1983
 Scale 1cm = 25m
 MAGNETOMETER SURVEY

Instrument: Scintrex Magnetometer
 Operator: Mike Yanai

Base Value: 58000 γ

SHEET 2

Drawn by: M.L.M.Y
 Readings every 25 metres
 (detailed - 12 1/2 m)

D.W. Cantrell
 31/1/83
 58592

W/B MAGNETOMETER SURVEY

L 1+000E
L 2+000E
L 3+000E
L 4+000E
L 5+000E
L 6+000E
L 7+000E
L 8+000E
L 9+000E
L 10+000E





KERR ADDISON MINES LTD.
 THORNELOE PROJECT
 "O-21-B"
 FEB. 1983
 Scale 1cm=25m.
 VLF PROFILE - ANNAPOLIS

LEGEND:
 - - - - - Magnet
 - - - - - Structure
 - - - - - Conductor Axis

Instrument: EM16
 Operators: M.Lewis
 B.McKay
 Transmission: Annapolis, Maryland

Drawn by: M.L., B.M., M.Y.
 Readings every 25 metres
 Detailed - 12 P.m.
 O'Brien 3/1/83
 25592

VLF PROFILE - ANNAPOLIS